



Annexin VI

Mouse monoclonal Antibody

#53314

Catalog Number: 53314

Amount: 100µg/100µl

Swiss-Prot No. : P08133

Gene name: anxa6

Gene id: 309

Clone Number: 8A7-F8-G12

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

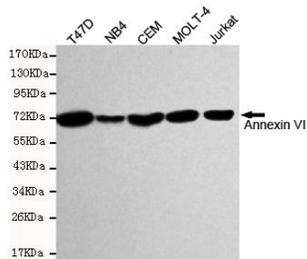
Immunogen: Purified recombinant human Annexin VI protein fragments expressed in E.coli

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of Annexin VI and does not cross-react with related proteins

Reactivity: Human

Applications: Predicted MW: 76kd WB: 1:1000



Western blot detection of Annexin VI in T47D, MB4, CEM, MOLT-4 and Jurkat cell lysates and using Annexin VI mouse mAb (1:1000 diluted). Predicted band size: 76KDa. Observed band size: 76KDa.

Background:

Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described.